

Dr. Paul D. Nielsen, Maj Gen (Ret), USAF
Carnegie Mellon University



EDUCATION

National War College, 1989
University of California, Davis
 Ph.D., Applied Science, 1981
 M.S., Applied Science, 1973
USAF Academy
 B.S., Physics and Mathematics, 1972

WORK EXPERIENCE

Software Engineering Institute, Carnegie Mellon University
 Director and CEO, 2004 - Present
U. S. Air Force
 Commander, Air Force Research Laboratory and Air Force Technology Executive Officer,
 2000 - 2004
 Vice Commander, Aeronautical Systems Center, 1999 - 2000
 Director, Plans and Programs (J5), NORAD 1997 - 1999
 Chief of Operations, Cheyenne Mountain, 1996 - 1997
 Command Director, Cheyenne Mountain, 1995 - 1996
 Commander, Rome Laboratory, 1992 - 1995
 Military Assistant, Director of Strategic and Theater Nuclear Forces C3I, Office of the
 Secretary of Defense, 1989 - 1992
 Seventeen years previous experience in defense research and acquisition at the National
 Security Agency, Air Force Weapons Laboratory, HQ Air Force Systems Command,
 Lawrence Livermore National Laboratory, Secretary of the Air Force's Office of
 Special Projects, and the Electronic Systems Center

AREAS OF EXPERTISE

Space systems, C3I, science and technology, defense acquisition, systems engineering, software engineering.

PROFESSIONAL/SCIENTIFIC/HONORARY AFFILIATIONS

Fellow, AIAA; Fellow, IEEE; Fellow, Hertz Foundation; President-Elect, AIAA; Armed Force Communications and Electronics Association; Air Force Association; Association of the US Army, Sigma Xi.